

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

08-07-01

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>	Attorney Docket No.	1954.1002-009
	First Named Inventor or Application Identifier	Dennis W. Metzger
	Express Mail Label No.	EL 762236460 US

Title of Invention	IL-12 Enhancement of Immune Responses to T-Independent Antigens
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<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: <b>Assistant Commissioner for Patents</b> <b>Box Patent Application</b> <b>Washington, D.C. 20231</b>
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1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> Specification <b>[Total Pages [ 26 ] ]</b> <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to microfiche Appendix - Background of the Invention - Summary of the Invention - Brief Description of the Drawings - Detailed Description - Claim(s) - Abstract of the Disclosure  3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>[Total Sheets [ 11 ] ]</b> <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal <input type="checkbox"/> Fig. of the Drawings for Publication - <b>NONE</b>  4. <input checked="" type="checkbox"/> Oath or Declaration/POA <b>[Total Pages [ 3 ] ]</b> a. <input type="checkbox"/> Newly executed (original or copy)  b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <b>[NOTE Box 5 below]</b> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).  5. <input checked="" type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i>  7. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input checked="" type="checkbox"/> Computer Readable Copy b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy) <b>[ 1 ] Pages</b> c. <input checked="" type="checkbox"/> Statement verifying identity of above copies  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" rowspan="2" style="text-align: center;">ACCOMPANYING APPLICATION PARTS</th></tr> <tr> </tr> <tr> <td style="width: 50%;">           8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents)  <input checked="" type="checkbox"/> Assignee -            The Medical College of Ohio            3000 Arlington Avenue, Toledo, Ohio 43606         </td><td style="width: 50%;"></td></tr> <tr> <td>9. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input type="checkbox"/> Power of Attorney  <i>(when there is an assignee)</i></td><td></td></tr> <tr> <td>10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></td><td></td></tr> <tr> <td>11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449</td><td><input checked="" type="checkbox"/> Copies of IDS Citations (AA and AV4-AW4)</td></tr> <tr> <td>12. <input type="checkbox"/> Preliminary Amendment</td><td></td></tr> <tr> <td>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)  <i>(Should be specifically itemized)</i></td><td></td></tr> <tr> <td>14. <input type="checkbox"/> Small Entity Statement(s)</td><td><input type="checkbox"/> Statement filed in prior application, status still proper and desired</td></tr> <tr> <td>15. <input type="checkbox"/> Certified Copy of Priority Document(s)  <i>(if foreign priority is claimed)</i></td><td></td></tr> <tr> <td>16. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i></td><td></td></tr> <tr> <td>17. <input type="checkbox"/> Other: _____</td><td></td></tr> </table>	ACCOMPANYING APPLICATION PARTS		8. <input type="checkbox"/> Assignment Papers (cover sheet & documents) <input checked="" type="checkbox"/> Assignee - The Medical College of Ohio 3000 Arlington Avenue, Toledo, Ohio 43606		9. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>		10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>		11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input checked="" type="checkbox"/> Copies of IDS Citations (AA and AV4-AW4)	12. <input type="checkbox"/> Preliminary Amendment		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>		14. <input type="checkbox"/> Small Entity Statement(s)	<input type="checkbox"/> Statement filed in prior application, status still proper and desired	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>		16. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i>		17. <input type="checkbox"/> Other: _____	
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17. <input type="checkbox"/> Other: _____																							

18. <b>If a CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information:			
<input checked="" type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: 09/035,594
Prior application information: Examiner: P. Mertz		Group Art Unit: 1646	

19. CORRESPONDENCE ADDRESS					
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Signature	<i>Anne J. Collins</i>	Date	<i>Aug. 8, 2001</i>
Submitted by Typed or Printed Name	Anne J. Collins	Reg. Number	40,564

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	1954.1002-009
	Application Number	
	First Named Inventor	Dennis W. Metzger

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	29 - 20* =	9	x \$ 18 =	\$ 162
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	5 - 3** =	2	x \$ 80 =	\$ 160
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 270 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 710
	Total of above Calculations =				\$ 1032
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =				\$
	TOTAL =				\$ 1032
	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =				\$
	Petition for Extension of Time Fee (37 C.F.R. 1.17) =				\$
	Assignment Recordation Fee = (only when filed with application)				\$
	TOTAL =				\$ 1032
	* Reissue claims in excess of 20 and over original patent				
	** Reissue independent claims over original patent				

1. Small entity status:

- a. ☐ A small entity statement is enclosed.
- b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$1,032. ☐ Please charge \$[ ] to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature	<i>Anne J. Collins</i>	Date	<i>Aug. 8, 2001</i>
Submitted by Typed or Printed Name	Anne J. Collins	Reg. Number	40,564

DEB:AJC:jcc  
08/08/01

Date: <u>8-8-01</u>
EXPRESS MAIL LABEL NO. <u>EL 762236460US</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dennis W. Metzger and Renee M. Buchanan

Title: IL-12 Enhancement of Immune Responses to T-Independent Antigens

TRANSMITTAL OF SEQUENCE LISTING IN COMPUTER READABLE FORM

IN COMPLIANCE WITH 37 C.F.R. §§1.821(e) AND (f)

Box Sequence  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. §1.821(e). As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and of the computer readable form of the "Sequence Listing" are the same.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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